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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	METHOD AND APPARATUS FOR TRANSMISSION FAULT DETECTION IN AN ACCESS NETWORK
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As the below named inventor(s), I/we declare that:

This declaration is directed to:

- The attached application, or
 Application No. _____, filed on _____,
 as amended on _____ (if applicable);

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

I/we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.

All statements made herein of my/own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

FULL NAME OF INVENTOR(S)

Inventor one: Kent Evans FELSKE

Signature:

Citizen of: Canada

Inventor two: Richard BRAND

Signature:

Citizen of: United States

Inventor three: Eric BERNIER

Signature:

Citizen of: Canada

Inventor four: _____

Signature: _____ Citizen of: _____

Additional inventors are being named on _____ additional form(s) attached hereto.

Burden Hour Statement: This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is used by the public to file (and the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 1 minute to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PATENT/DOCKET NO.9-13528-191US
CUSTOMER NO. 020988

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: Kent FELSKE et al. § Attorney Docket No. 9-13528-191US

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Serial No.: Not yet assigned §

§

Filed: Concurrently herewith § Group Art Unit: n/a

§

Title: METHOD AND APPARATUS FOR TRANSMISSION FAULT DETECTION
IN AN ACCESS NETWORK

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Examiner: n/a

§

Commissioner for Patents
Washington, D.C. 20231.

POWER OF ATTORNEY FOR
PATENT APPLICATION

Nortel Networks Limited, a Canadian corporation having principal offices at:

**Nortel Networks Limited
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the owner by assignment of the entire right, title and interest to the invention for
METHOD AND APPARATUS FOR TRANSMISSION FAULT DETECTION IN
AN ACCESS NETWORK, by Kent Evans FELSKE, Richard BRAND and Eric
BERNIER and in and to the application for patent and any Letters Patent, whether
domestic or foreign, that may issue thereon, by virtue of the assignment (check as
applicable):

- Recorded Concurrently Herewith
 Recorded on _____
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 Copy Attached

hereby appoints the following attorneys and/or agents to prosecute this application
and transact all business in the Patent and Trademark Office connected therewith:

Rothwell, Figg, Ernst & Manbeck
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its attorneys with full power of substitution and revocation, to prosecute all domestic and foreign patent applications, including PCT and EPO filings, relating to said invention and to transact all business connected therewith, including signing of all papers on its behalf and making alterations and amendments.

The undersigned is the representative for the Assignee of the entire right, title, and interest in the patent application identified above, and is authorized to act on behalf of the Assignee.

NORTEL NETWORKS LIMITED

June 19, 2003

Date

Name: Jean-Pierre Fortin

Director, Intellectual Property
Title